

WHAT IS CLAIMED IS:

1. A substrate, comprising a substrate member having a first side and a second side and on the first side and the second side of the substrate member provided
5 with an insulating layers respectively, wherein the insulating layers are made of Cyclic Olefins Polymer.

2. The substrate as defined in claim 1, wherein the insulating layers are preferable made of Cyclic Olefins Copolymer.

10

3. The substrate as defined in claim 1, wherein a method of providing the insulating layers on the substrate member is selected from co-extrusion method, coating method and evaporation method.

15 4. The substrate as defined in claim 3, wherein the insulating layers have a thickness greater than $1\ \mu\text{m}$.

5. The substrate as defined in claim 1, wherein the insulating layers have a thickness in a range of between $50\ \mu\text{m}$ to $200\ \mu\text{m}$.

20

6. The substrate as defined in claim 1, wherein the substrate member further has edge sides and on the edge sides are provided with an insulating layer respectively.

7. The substrate as defined in claim 1, wherein the substrate member is made
25 of a material selected from Polymethyl methacrylate and Polycarbonate.